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FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number 10/521189
 Filing Date
 First Named Inventor Shigetoshi NISHIJIMA et al.
 Examiner Name
 Attorney Docket Number 018765-201

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract
KK	2002-225207	A	JP	08-14-2002				X		
KK	2002-192673	A	JP	07-10-2002				X		
KK	60-206620	A	JP	10-18-1985				X		
KK	2001-9890	A	JP	01-16-2001				X		
KK	9-234786	A	JP	09-09-1997				X		

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
KK	English Abstract, JP 06-134948 published 05-17-1994*
KK	English Abstract, JP 03-073588 published 03-28-1991*
KK	English Abstract, JP 2002-225207 published 08-14-2002*
KK	English Abstract, JP 2003-001772 published 01-08-2003*

*Copy attached

Examiner Signature	<i>KK</i>	Date Considered	12-5-03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.